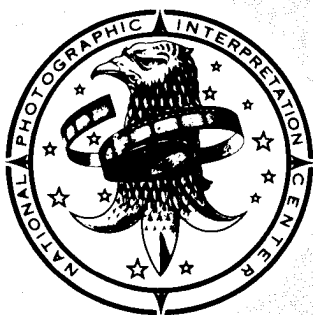


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(See inside cover)



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

Summary Report

ADDITIONS TO THE SOVIET SS-X-20 SINGLE-BAY GARAGES (S)

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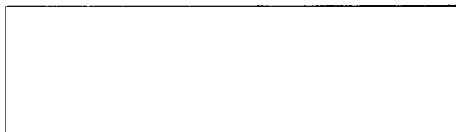
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NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
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USIBONLY-	USIB Departments Only
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ADDITIONS TO THE SOVIET SS-X-20 SINGLE-BAY GARAGES (S)

(TSR) [] additions have been constructed at 13 completed SS-X-20 single-bay garages at three mobile IRBM bases—one at Novosibirsk and two at Drovyanaya. The size and shape of these additions and the resulting building patterns vary. These additions appear to be permanent attachments to [] single-bay garages and are of a lighter weight construction than the garages. Each addition contains at least one personnel entrance and one or more windows. The existence of an internal doorway between the addition and the single-bay garage cannot be determined.

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(TSR) The latest pattern variation was seen at Drovyanaya IRBM Base 2 [] (Figure 1A). A large triangular addition was constructed on each side of a single-bay garage. Footings for similarly shaped additions have been seen at a second garage at this base. Although these additions give the garage the appearance of a big square, they do not prevent identification of it. Figure 1B is a conceptual drawing of these additions with their dimensions.

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(TSR) The footings for the additions are usually constructed concurrently with or shortly after the footings for the single-bay garage. The single-bay garage, however, is always completely erected first and the additions a short time later. These additions are constructed of a light framework (probably wood) erected from footings and then are roofed with lightweight corrugated metal panels. Shape variations have included an L-shaped addition (Figure 1C); a pair of rectangular additions giving the garage a T-shaped pattern (Figure 1D); and two square additions, one at either end of the garage (Figure 2, A and B). Two other variations are shown in Figure 2, C and D.

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List of Conversion Factors by Classification

UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

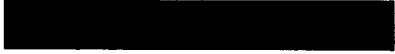
UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

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